

Truss Booms

A truss boom is utilized to be able to pick up and position trusses. It is actually an extended boom attachment that is equipped together with a triangular or pyramid shaped frame. Usually, truss booms are mounted on machinery like for example a compact telehandler, a skid steer loader or a forklift making use of a quick-coupler accessory.

Older models of cranes have deep triangular truss booms which are assembled from standard open structural shapes that are fastened with rivets or bolts. On these style booms, there are little if any welds. Every riveted or bolted joint is prone to rusting and therefore requires frequent upkeep and check up.

A general design attribute of the truss boom is the back-to-back composition of lacing members. These are separated by the width of the flange thickness of an additional structural member. This design can cause narrow separation between the smooth exteriors of the lacings. There is little room and limited access to preserve and clean them against rust. A lot of bolts become loose and rust inside their bores and must be changed.